

Bright Passage Bridge Replacement and Channel Stabilization Project

Presented by

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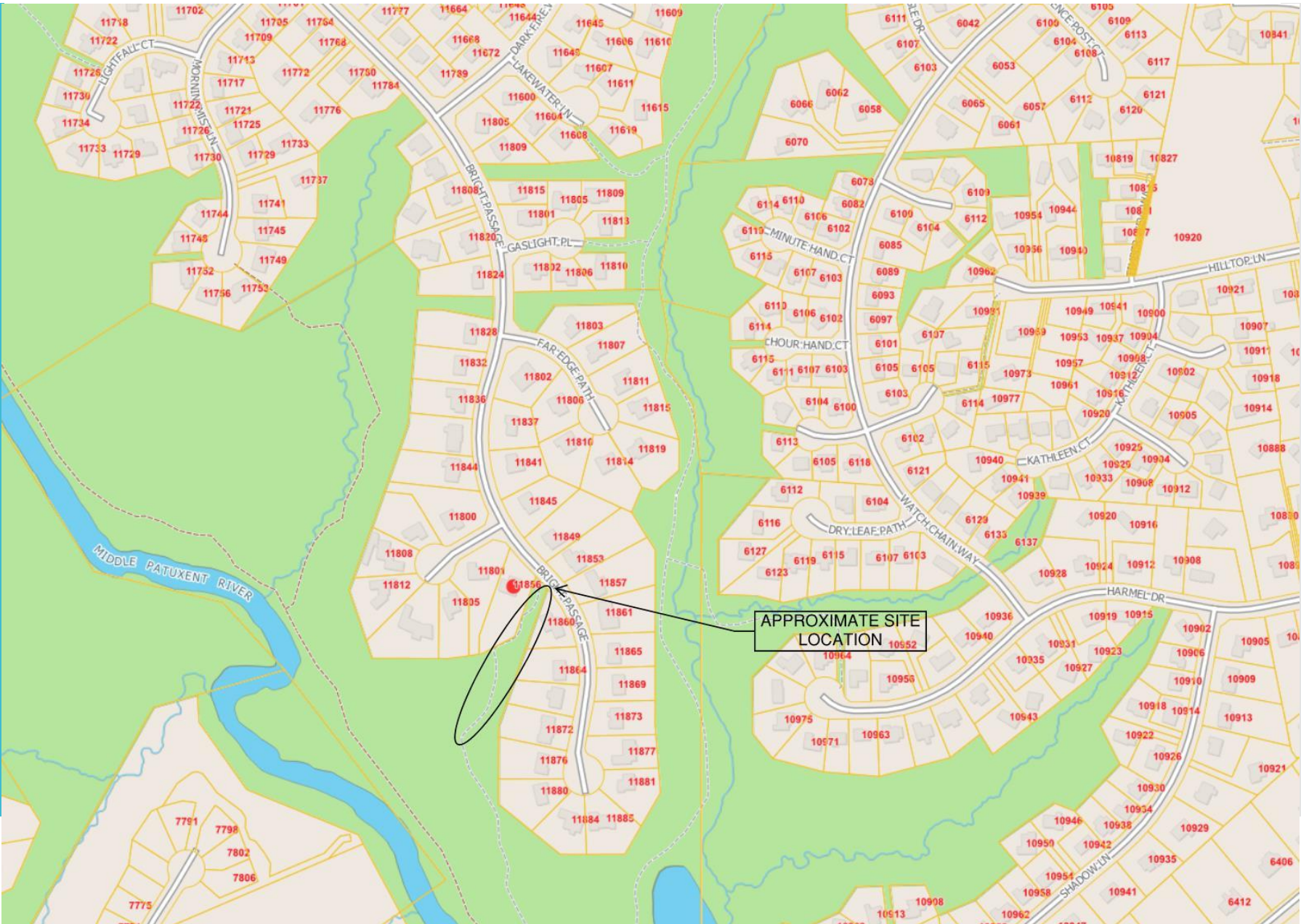
November 30, 2022



Agenda

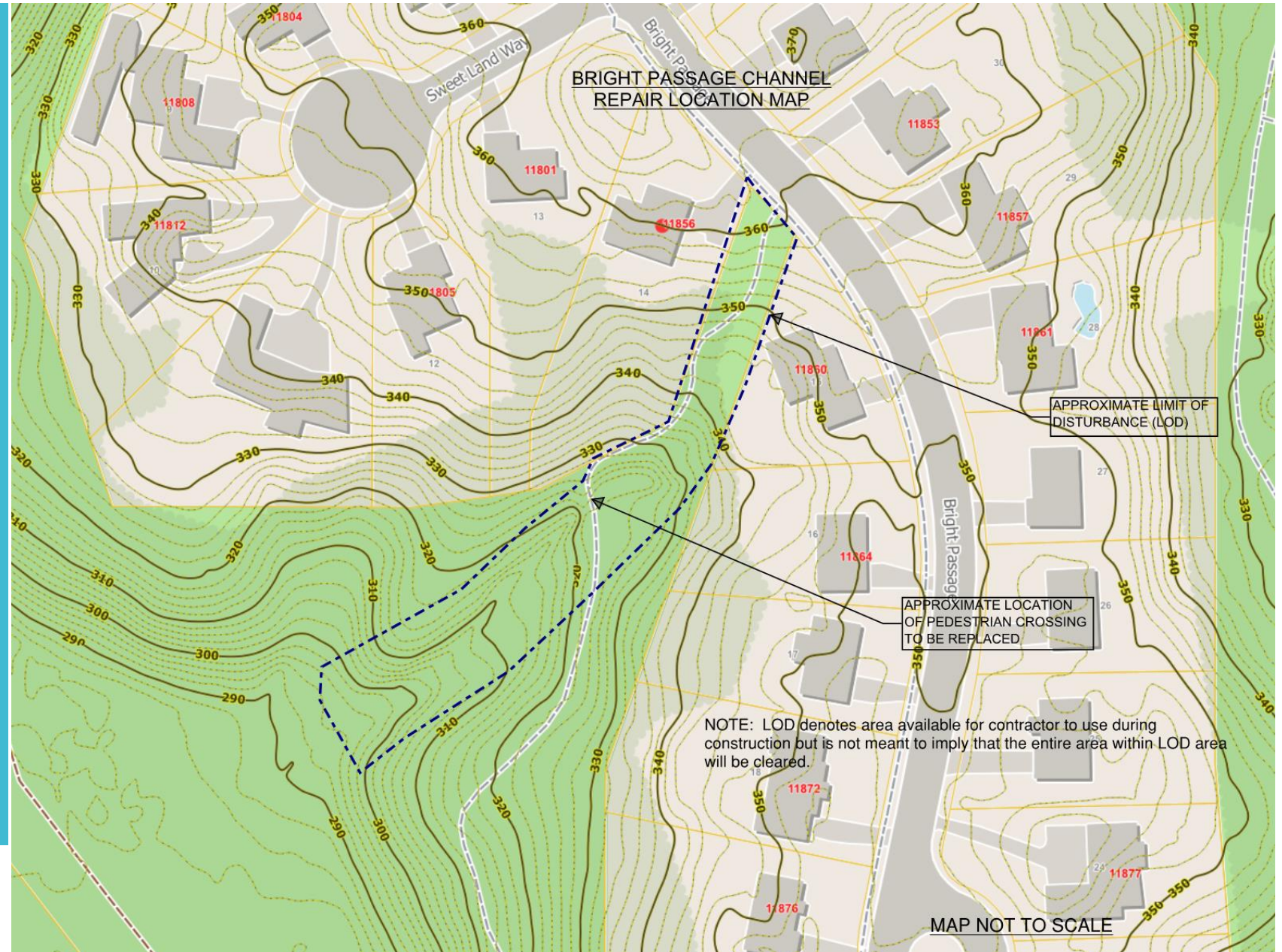
- Introductions
- Project Location
- Project Need-Existing Conditions
- Project Goals
- Proposed Conditions
- Construction Schedule and Duration
- Questions / Comments

Bright Passage Bridge Replacement Location Map



Bright Passage Bridge Replacement

Limit of
Disturbance(LOD)



Bright Passage Bridge Replacement Project Need?

- Project was initiated at the request of Department of Rec and Park (DRP), Columbia Association(CA) and the Hickory Ridge Village.
- Public Safety
- The existing pedestrian bridge is severely undermined.
- Existing channel is actively eroding and needs to be stabilized.

Bright Passage Bridge Replacement Project Goals

- Minimize impact to ecosystem, wildlife, and plant life – during and after construction.
- Limit tree removal.
- Minimize the duration of construction.
- Minimize Limit of Disturbance (LOD).

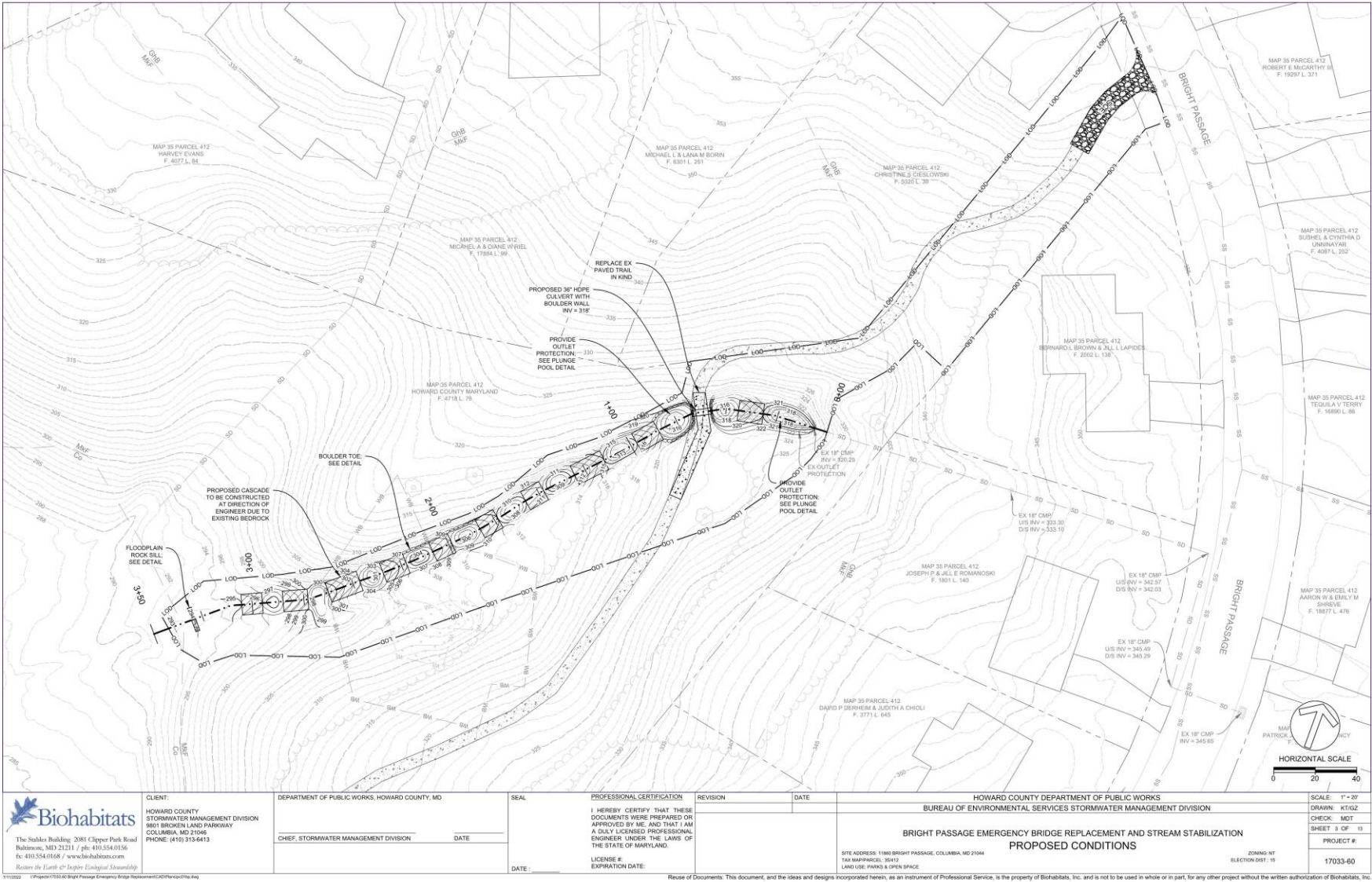
Bright Passage Bridge Replacement

Existing Conditions



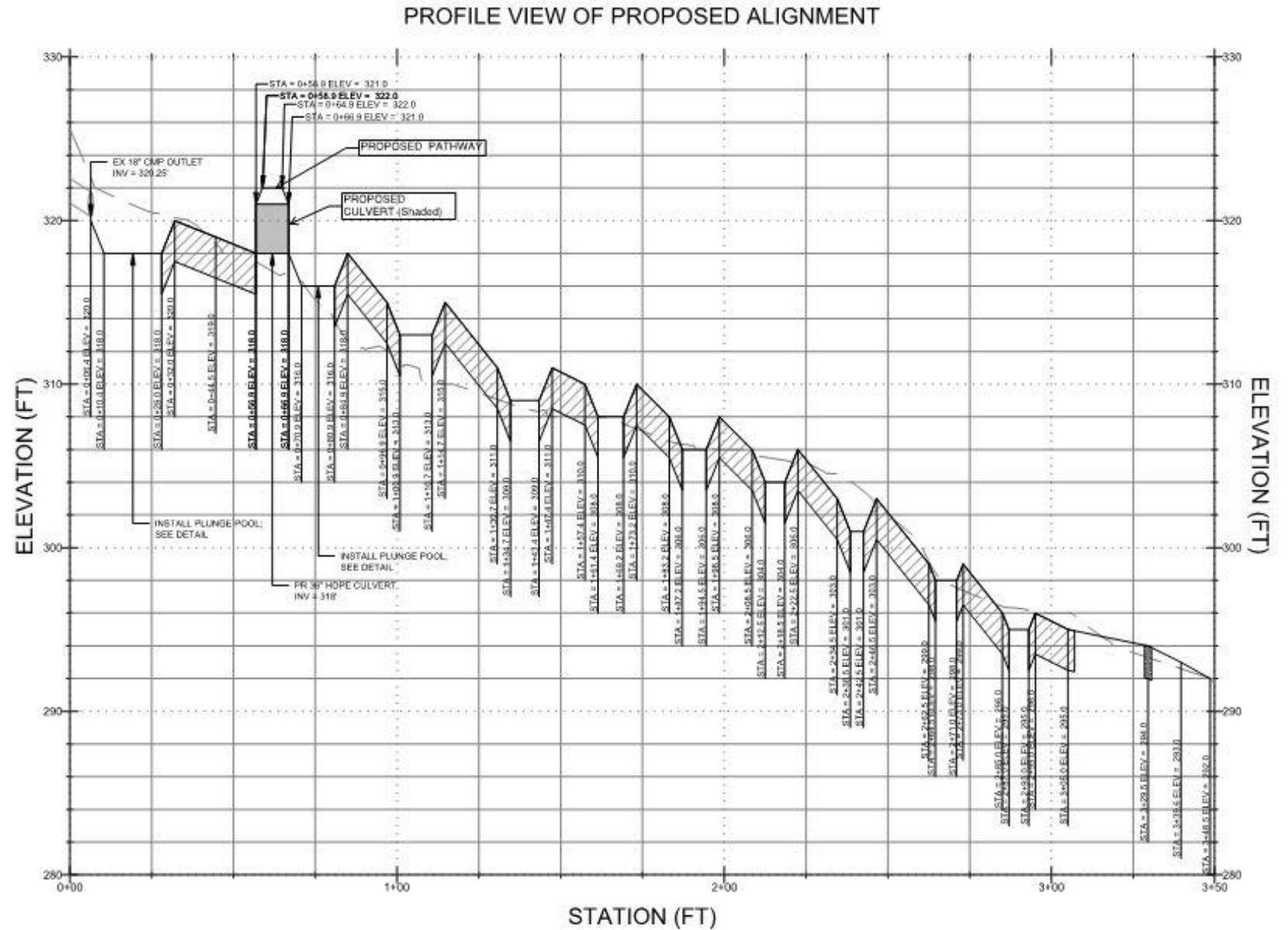
Bright Passage Bridge Replacement

Proposed Conditions



Bright Passage Bridge Replacement

Proposed Conditions



Bright Passage Bridge Replacement

Proposed Conditions- Photos



Bright Passage Bridge Replacement

Landscape Impacts

- Approximately 22 Trees (12"-29") expected to be removed
- Native trees will be planted at a ratio of 1:1
- No Specimen trees expected to be removed.
- Final Landscape plan will be shared with the community.

Construction

- **Construction is anticipated to start Spring 2023**
- **Duration**
 - Approximately 3-4 months (Weather Permitting)
- **Construction Hours**
 - Monday to Friday, 7AM to 5PM. Contractor may mobilize sooner than 7:00 AM will not be permitted to start construction before 7:00 AM.
- **Safety**
 - Construction site will be fenced with orange construction safety fence

Construction

- **Traffic Impacts**
 - *A section of the trail will be closed for the duration of the construction.*
 - Minor impacts to traffic from entering and exiting construction vehicles along Bright Passage Road
 - Worker's vehicle parking is expected along Bright Passage Road (4-5 vehicles)
 - No driveways will be blocked.
- **Sediment**
 - Contractor is required to comply with Howard County Sediment Control Permit and not track dirt onto roads

Bright Passage Bridge Replacement

What to
expect during
Construction



Bright Passage Bridge Replacement

What's next?

- Plans to be submitted to various agencies for review and approval.
- Final Plan will be presented at the Hickory Ridge Village Board meeting.
- Permits expected-ACOE, HSCD, DPZ, and the Grading permit.
- Once closer to construction
 - Notification will be sent to adjacent property owners.
 - Signs will be posted near construction site.
 - A public notification will be issued.

Questions?

- Avinash Dewani, Howard County DPW, Bureau of Environmental Services, Stormwater Management Division (410-313-6417 or adewani@howardcountymd.gov)
- Copy of this presentation will be posted at the website below:
- <https://www.howardcountymd.gov/public-works/community-involvement>